

Inscomm changeover meeting held

By Mark Bolotin

The 1966-67 Institute Committee formally ended its duties Sunday night when it handed the reins of student government over to the new members of Inscomm. Aside from the change-over, the major order of business was the election of Chairmen of Finance Board and Secretariat.

Final reports

Before handing over control to the new Inscomm, the old committee tied up a few loose ends

Goodwin Medal to be awarded to worthy student

By Dean Rolier

The Goodwin Medal is an award given each year to a graduate student teacher. The essential qualification for consideration of this award is "performance of teaching duties which are conspicuously effective over and above ordinary excellence." The award which includes a \$500 prize as well as a medal is given at most once a year.

Nominations for the award can be made by any member of the faculty or by any student through SCEP. Such nominations are to be made without the nominee's knowledge. Any undergraduate who knows of a graduate student who qualifies for the award is urged to make a nomination (any person may make more than one nomination.) A nomination consists of 1) the name of the graduate student being nominated, 2) the department in which he holds an appointment and 3) an informal statement explaining why you think this student qualifies for the award.

Such preliminary nominations will then be screened by a faculty committee headed by Dean Hazen, Dean of the MIT Graduate schools, for over a month before the final decision is made.

All nominations for the award are to be turned in to the SCEP mailbox in the Inscomm Office before March 16.

Elections for SCEP, SCC, Student Center and PRC Chairmen will be held tomorrow evening at 8 pm in the Inscomm meeting room (W20-400). Interviews will be held tonight starting at 7:30 pm in the Inscomm office (W20-401). Candidates should sign up for these interviews with Betty Hendricks in the Inscomm office before 5 pm.

Talks to college editors

Israeli expresses desire for peaceful co-existence



Avraham Harman

The Honorable Avraham Harman, Israeli's Ambassador to the United States, stressed his country's desire for peace and co-existence in a meeting with New England college newspaper editors here Saturday.

that had been left hanging from the past year. Final reports of the subcommittees of Inscomm were presented. Among these was Activities Council, which announced upcoming report on the space needs and demands of organizations on the activities floor of the Student Center.

George Piccagli '67, chairman of the Student Committee on Environment, reported on the committee's first year of existence and presented suggestions for improving the work of the commit-

tee next year. Soon afterwards, Inscomm took up the question of the status of CSE as a permanent or temporary subcommittee. After defeating a motion to leave SCE as a temporary subcommittee, Inscomm chose to leave the question up to the new Institute Committee.

New Inscomm

At this point, the new members of Inscomm were introduced and took over. The voting members of Inscomm are: Bob Horvitz, '68 (Please turn to Page 3)

3,644 new applicants

Admissions office reveals class of '70 statistics

By Karen Wattel

3,644 students have applied to MIT for admission to the class of 1971 with about a hundred more applicants still expected, mostly from overseas. 266 of the applicants were girls.

Under its December admission plan 194 boys and 18 girls have already been granted admission. On March 31, the MIT admissions

office will send out letters of acceptance to another 1200 boys and 75 girls hoping to make up a class of 875 boys and 50 girls.

922 accept last year

Last year 3728 final applications were filed for places in the class of 1970. 1423 were offered places in the class and 922 accepted. The largest percentage of students in this year's freshman class came from the Middle Atlantic area. Five per cent of the class came from foreign countries.

807 in the class of 1970 ranked in the top tenth of their class. There were 171 major elected school or class officers, 196 varsity sport letter winners, 224 editors of school publications, 290 major offices in science groups, and 186 who hold major positions in music or dramatic groups.

Admission factors

Admission is based on three major factors: prediction of academic achievement, evaluation of general personal qualifications, and recognition of outstanding interests, activities, or achievements.

The scholastic index, based on high school grades, class rank, and CEEB scores, is scaled on the percentage possibility that a student will receive better than a C average in his freshman year. A more subjective factor, the personal rating, is based on qualities like creativity, motivation, leadership, and enthusiasm, with higher emphasis being placed on quality of participation rather than quantity and on the intensity of the commitment rather than the number or type of commitments.

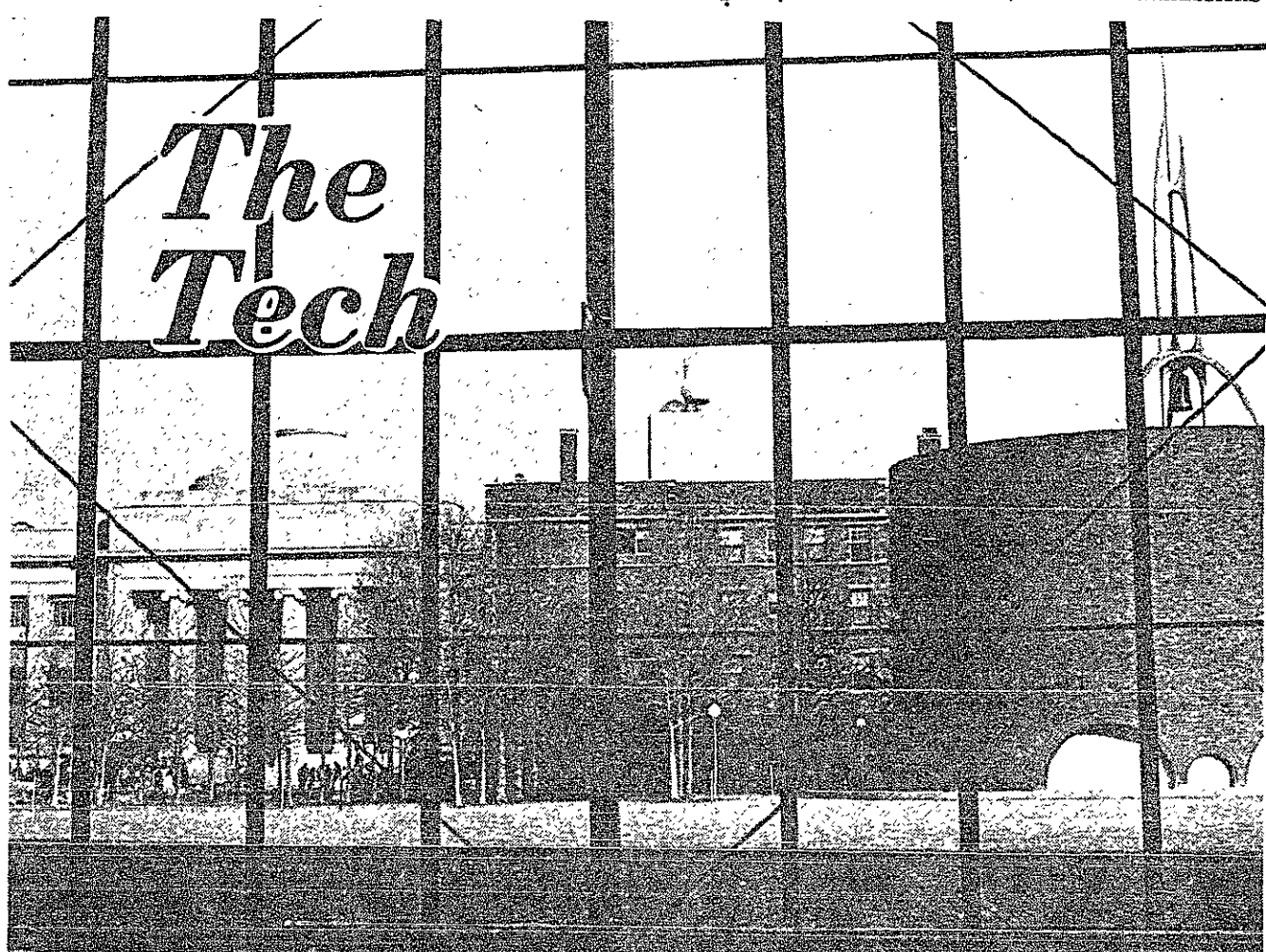
Seek well-rounded class

"In common with most colleges, we seek a well-rounded class; and in common with many, we recognize that this does not necessarily mean a class composed chiefly of rounded or truly versatile individuals," said Director of Admissions, Roland B.

(Please turn to Page 3)

NOTICE

The Condition and Advanced Standing Examinations have been moved from 50-340 to 5-217, March 18, at 9 am.



Vol. 87, No. 9

Cambridge, Massachusetts, Tuesday, March 7, 1967

Five Cents

Volpe, Killian to speak

IFC morals conference set

The MIT Interfraternity Conference will serve as host for a New England Symposium on Fraternity Morality Friday, March 10. Student leaders representing about twenty-five colleges and universities which have fraternities and sororities will come to Boston to discuss current issues in campus and living group morality.

Featured at the Symposium will be addresses by the Honorable Walter H. Judd, noted statesman and former US Congressman from Minnesota, and by Harvey G. Cox, author of "The Secular City," and professor at Harvard Divinity School. The Keynote address will be given by Dr. Glen T. Nygreen,

Dean of Students at Hunter College in the Bronx.

Seminar discussions on subjects as "sex," "ethics," "drugs and drinking," "necessary bases for close friendships," "the responsibility of the fraternal group," and "the relevance of religion" will be led by prominent psychiatrists, sociologists, and theologians.

Volpe, Killian to speak

Massachusetts Governor John A. Volpe and Dr. James R. Kil-

lian, Chairman of the MIT Corporation will attend the breakfast and speak to the delegates. Massachusetts Attorney General Elliot L. Richardson will attend and speak at the luncheon.

This Symposium has been planned by a committee of IFC members, and has received financial backing from businessmen in the Boston area. It is expected that this undertaking will set a precedent for future discussions.

Irish said to be first to America

By Don Minnig

Louis Lourmais, Canadian oceanographer and internationally known marine biologist, was the speaker at the LSC lecture held Thursday at 8 pm in 26-100. His subject was the discovery of America by Europeans before the voyage of Columbus, as well as a future expedition of his own duplicating the voyage of St. Brendan, the Irish monk whom Mr. Lourmais believes to have been the first white man to lead an expedition to the New World.

Legendary voyage

Folk-tale has it that St. Brendan, a Benedictine monk of the sixth century AD, and one of the best of the Irish sailing clerics, led a group of sixteen fellow monks on a seven-year expedition. Their route took them from Ireland to Scotland to Iceland and Greenland, down the North American eastern seaboard to Florida, back to Spain, and eventually to Ireland again.

Primitive migrations

He also justified his thesis by citing both anthropological and historical evidence for such a voyage. It is possible that the whole human race stems from one primitive culture that spread around the world travelling the "roads"

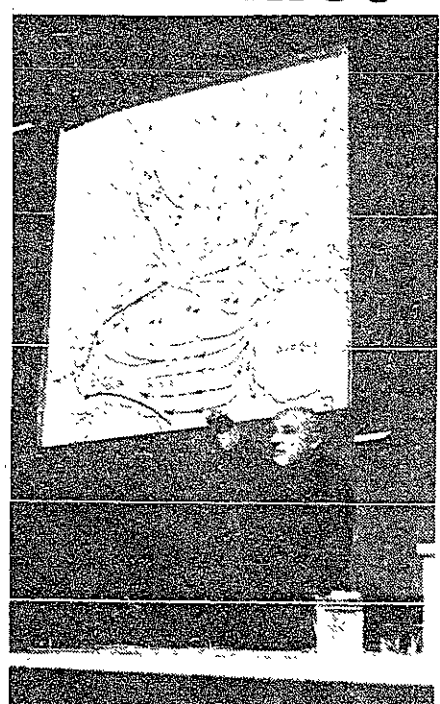


Photo by George Flynn

Louis Lourmais, Canadian oceanographer, spoke Thursday on his theory that Irish monks were the first white men to see America.

The voyages of Heyerdahl, in his "Kon-Tiki," and Lourmais' friend and colleague, the French physician, Bombard, support this possibility.

He went on to point out widespread cultural similarities such

and the legend of an ancient deluge. "These similarities have never been explained," he said. He pointed to the existence of human civilization on remote Polynesian islands as evidence that men could navigate vast stretches of ocean without the aid of instruments.

Ancient documents

He pointed to specific pieces of evidence with regard to St. Brendan's voyage: an ancient Irish map showing part of the Canadian coastline, an old German globe with "Brendan's Island" where the North American continent should be, and, Celtic-type shelters on the continent (such as those at North Salem, N.H.) carbon-dated to the sixth century.

Light vessel

Mr. Lourmais is currently building a replica of the canoe-like, 43-foot ketch probably used by St. Brendan, which he intends to use on his expedition. The lightness and maneuverability of the craft renders it especially suitable for travel in North Atlantic waters and dragging ashore for nocturnal camps, since the route contains no more than 250-mile stretches of open water. He remarked that the weather was more clement in St.

Pre-med program initiated

The increased number of MIT students who after graduation attend medical school has led to the establishment of a Premedical Advisory Program which is administered by the Office of the Dean of Student Affairs.

The purpose of the Premedical Advisory Committee is to 1) provide information about medical schools and their requirements for admission, 2) offer opportunities for general counseling and discussion of possible careers in medicine and medical research, and 3) provide supplementary assistance and information to students preparing applications for admission to medical school.

Early interest rewarded

As soon as any MIT student, undergraduate or graduate is reasonably sure of his interest in attending medical school, he should stop in at the Premedical Advisory Office, Room 5-106. Every effort will be made there to provide all information needed and to put the student in touch with members of the Advisory Committee or others who can provide knowledge about a particular field of interest in medicine or medical research.

Advisor should be notified

At the same time the student should tell his Faculty Counselor in his major department of his interest in medical school. In this manner programs which will accomplish both the academic requirements of the major department and those for admission to medical school, can be planned well ahead of time.

It is the student's responsibility to obtain applications to the medical schools of his or her choice and to initiate all actions required by them. The Premedical Advisory Office stands ready to supplement these efforts and to provide as much information as possible.

vide as much information as possible.

Admission test mandatory

Medical schools require that applicants for admission take the Medical College Admission Test. This aptitude test is given only twice a year. In 1967 it will be given on May 6 and October 21. An application to take the test and some sample test questions should be picked up in the Advisory Office, Room 5-106.

Requires three faculty letters

Applications to medical schools require at least three faculty letters of reference, one to be from a faculty member within a science department. Since applications are submitted in the first term of the senior year, it is important to establish friendly relationships with the faculty as soon as possible.

The membership of the Premedical Advisory Committee reflects the distribution of premedical students throughout MIT departments. Its members are either directly involved with medicine or are active in student counseling. They are: Dr. Joseph Brenner, Medical Department; Dr. Philip Drinker, MIT Committee on Engineering and Living Systems, Mechanical Engineering Dept.; Professor Bernard Gould, Biology Department; Dr. Harriet Hardy, Medical Department; Professor Roy Lamson, Humanities Department; Professor John Stanbury, MIT Clinical Center Nutrition and Food Science Department; Professor Emily Wick, Chairman, Office of Dean of Student Affairs Nutrition and Food Science Department.

Carnival centers on 'lunar' theme

The Annual Alpha Phi Omega Spring Carnival will be held in the Rockwell Cage on April 8, beginning at 7:30. The theme of the show this year will be "A Lunar Excursion." Booths will be sponsored at the Carnival by organizations and living groups on campus.

Department; Professor John Stanbury, MIT Clinical Center Nutrition and Food Science Department; Professor Emily Wick, Chairman, Office of Dean of Student Affairs Nutrition and Food Science Department.

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What's happening Thursday night?

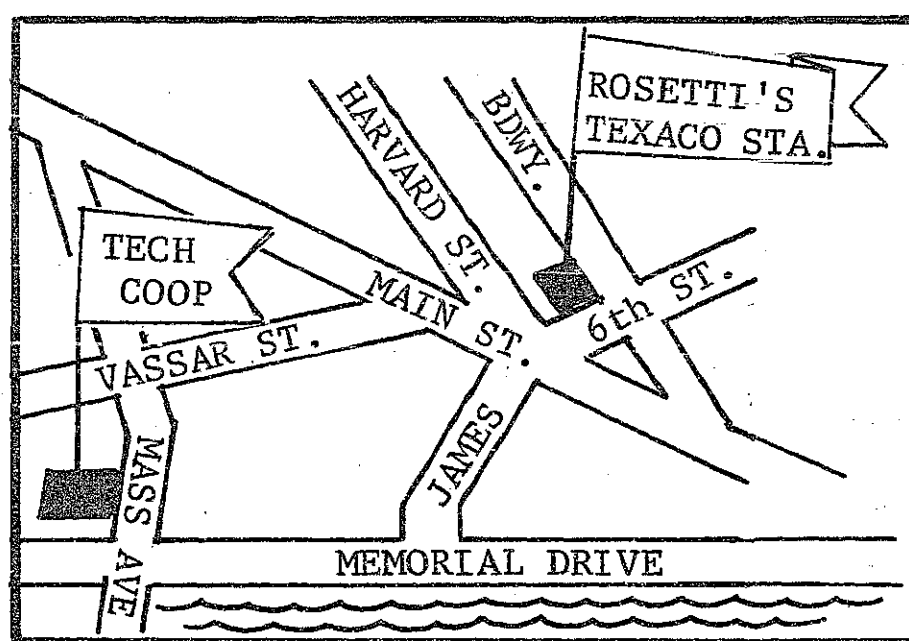
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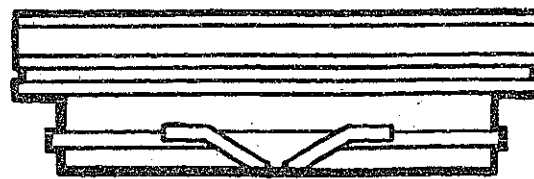
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Karash, Rettig chosen new heads of Finance Board, Secretariat

(Continued from Page 1) (AEP), UAP; Al Singer '68 (AEP), Activities Council Chairman; Gerry Banner '68 (AEP), Athletic Association President; Tom Neal '68 (PDT), IFC president; Ray Paret '68 (PLP) and John Kotter '68 (SPE), IFC representatives; Paul Gluck '68, NRSA president; Karla Hurst '68, McCormick Hall president; Doug Limbert, '69, Bexley Hall representative; Jerry Grochow '68, Baker House president; Al Slobodnik '69, Burton House president; Stan Chang '68, East Campus president; Mike Krashinsky '68, Senior House president; Bob Condap (BUR), Class of '68 president; Mark Mathis (PLP), Class of '69 president; and Joe

Biasccio (BAK), Class of '70 president.

Executive Committee

The election of Fin Board and Secretariat Chairmen filled the two of the remaining positions on the Incomm Executive Committee. Rick Karash '68 (SC) was elected Fin Board Chairman, while Clyde Rettig '68 (SC) defeated Bill Mack '68 (PGD) for the position of Secretariat Chairman.

Upcoming elections

Horvitz announced that Incomm subcommittee chairman would continue to be elected over the coming weeks. The chairmanships of Student Committee on Educational Policy, Student Committee on Environment, Student Center Committee, and Public Relations Committee will be filled at tomorrow night's Incomm meeting.

Other elections will be conducted after the Exeter Conference. These include Foreign Opportunities Committee Chairman, Judicial Committee Chairman and Secretary, division heads for Secretariat, and rotating member of Executive Committee.

Modern Man Society

New philosophy club established

An informal philosophy club is presently being formed at MIT. The club, which calls itself the Modern Man Society, will sponsor regular lectures and films on social sciences, psychology, religion, science, philosophy and man.

Other than sponsoring regular lectures, the society also intends to form small study groups to meet informally at MIT as well as at participants' apartments or rooms. Such groups, it is hoped, will encourage in-depth discussion supplemented by additional reading.

Nonpartisan organization

In its Establishment Proposal, the Society notes the blatant lack of student discussion and nonpartisan current events activities at MIT. It proposes to serve as a nucleus for all projected or struggling new movements on campus that conform to the general principles and aims of the society.

Varied interests

The society's interests will range from problems of general academic interest to specific goal achievements. Sample topics for

exploration already range as far as finding the yhopjsclogilac mstE as finding the psychological and sociological bases of opposing political and moral views in the United States, to examining the morality of LSD and SOMA, as related to the college student.

Thus, by "broadening interests and horizons, increasing personal contact, and deepening understanding of self, society, and the world," it is hoped the society will appeal to those members of the MIT community with such diverse interests.

Carnegie, Cornell, CalTech competitors for applicants

(Continued from Page 1)

Greeley. "Rather, it means a group of academically able students, each of whom has some real contribution to make in a campus community."

Competing schools

The greatest overlap of acceptances occurs with Rensselaer Poly-

technic Institute, Cornell, Carnegie Institute of Technology, and the California Institute of Technology, with MIT getting a larger percentage in the first three cases. Besides Caltech our other largest competitors for students are Harvard, Princeton, and Yale.

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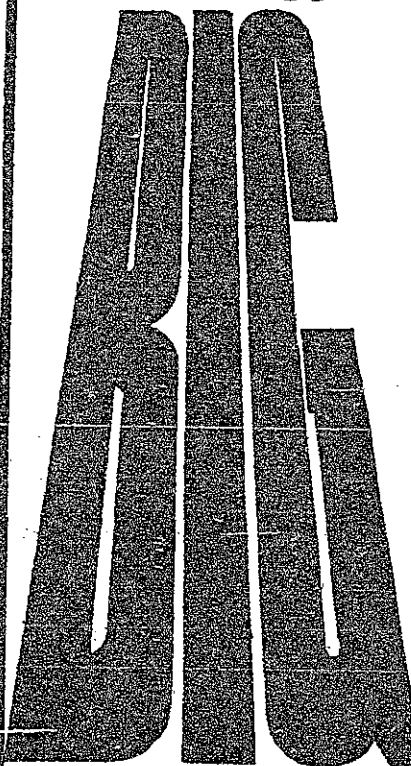
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Open Forum

The volume of letters we have received recently is appreciated quite a bit. We believe this page should be an open forum for other views and opinions; printing letters is one sure way of encouraging that. Letters enable one to present ideas, differ with us, or differ with another letter writer. Because of space limitations, we may not be able to print all the letters as soon as they arrive, but we will try to present as many as we possibly can.

There is another way of presenting a particular view; we have made it a policy to print a guest editorial from time to time. We welcome anyone with a topic to see us and make such arrangements.



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Inside Incomm

Conference delegates chosen;
vote on status of SCC soon

By Frank March, UAP

The Institute Committee has voted to change the structure of its Executive Committee. The Student Center Committee chairman no longer sits on the Executive Committee. The seat which was formerly occupied by the Student Center Committee Chairman has now been replaced by a member-at-large seat, to be filled by the Institute Committee. The member-at-large of the Executive Committee may be either a voting or non-voting member of the Institute Committee.

Finance Board changes

In other constitutional changes the Institute Committee has changed the make-up by class of the Finance Board. The Finance Board formerly consisted of three Juniors, two Seniors, one Treasurer elected by Activities Council, and a Chairman. Now the Finance Board bylaws specify that the Board shall consist of at least three Juniors, but include the possibility of having more juniors in order to allow for maximum flexibility.

The Student Committee on Educational Policy wishes to emphasize to the student body that the reading period changes for second term are only an experiment, with the results to be carefully evaluated during or after reading period. Faculty reaction to continuing or discontinuing the changes in reading period will depend largely upon student evaluation of the changes and the re-

port on the subject submitted to them by SCEP.

SCEP has also announced plans to publish a booklet with information about the many small libraries around the Institute.

SCE

The Student Committee on Environment is making plans to work with the faculty Committee on Student Environment.

Four students have been nominated to work in conjunction with the CSE. They are Jerry Grohow '68, Bill Mach '68, Tom Neal '68, and Giorgio Piccagli '67.

The Long Range Planning Committee has submitted its preliminary report on space usage on the fourth floor of the Student Center. The report will be evaluated by student government and the Planning Office with attention to possible changes and long range needs.

Exeter Conference

The Institute Committee will hold a two-day Leadership Conference at the Exeter Inn in Exeter Inn in Exeter, New Hampshire on March 11 and 12. The old and new Institute Committees will attend, as well as several members of the faculty and administration.

Topics for discussion include underclassmen in student government activities, inter-living-group relations, curricular change and the "New Institute," education and the residential system, and student stress.

Letters to The Tech

Incomm review

To the Editor:

Judging by its budget, operations, and activities the MIT Student Government, namely the Undergraduate Association, is a rather effective organization. After serving one year on the Institute Committee, however, we have our doubts as to whether the government is really a democratic organization. In theory the power of the student government resides in the sixteen voting members of the Institute Committee. In our minds this is not really the case. The actual power tends to reside in the hands of the Incomm Executive Committee which is composed of the UAP, Activities Council Chairman, Finboard Chairman, Secretariat Chairman, and formerly the Student Center Committee Chairman, now a member-at-large. While it is necessary to have some executive organization, the Executive Committee tends to handle far too many matters which are rightly in the domain of the full Institute Committee. Since the members of the Executive Committee are often privy to information which most Incomm members are not and since they also prepare the agenda, the full Institute Committee is often left in the position of a rubber stamp organization. Controversial issues are often settled outside of the Institute Committee by "behind closed doors" procedures. A recent example of a "behind closed doors" solution was the settlement of the IFC-Dormcom office space question by an agreement outside of Incomm.

With the exception of the UAP, the Executive Committee is not a popularly elected group and is thus not really responsible to the general undergraduate body. This situation creates an atmosphere which undermines the democratic process and is conducive to a vicious "spoils system." Therefore after serving one year on the Institute Committee it is our opinion

that some major executive reorganization is in order. This reorganization should prevent the present overconcentration of power in the hands of the largely non-popularly elected Executive Committee. Therefore let the new Institute Committee take notice: either act now or be reduced to the position of a rubber stamp for the new Executive Committee.

William E. Murray, Jr. '67
Bexley Hall Incomm Rep.
Robert D. Howard '67
IFC Incomm Rep.

Cheer reply

To the Editor:

We feel that Mr. Herbert Finger's recent letter to The Tech was not only an unfairly one-sided presentation, but also wrong in the implied premises on which it was based.

MIT is simply not a "rah-rah" school, and it is unrealistic to expect of Tech students a strong and sustained display of spirit! Nor can the cheerleading squad fairly be expected to generate such an atmosphere. We are, as the name implies, supposed to lead cheers, to try to bring out and channel whatever spirit the crowd may have; but the cheerleaders cannot manufacture additional exuberance that just does not exist.

Mr. Finger admitted that he has not avidly followed MIT basketball, and one wonders which games besides the Northeastern one he saw. Does he really consider that game a typical sample of the spirit of the crowd or of the cheerleaders? Come now, if one is going to cite extremes, what about the other end of the scale; for example, the Dartmouth and RPI games? And the away games—did Mr. Finger go to either the Tufts or the WPI game?

Is Mr. Finger aware that MIT used to have male cheerleaders? When the coed cheerleading squad was begun, the girls suggested

that one combined squad be formed, but the fellows did not want to put in the two or three hours a week for practice that the girls required, and they subsequently disbanded. If there are any Techmen who would like to join the cheerleaders, let's hear from you! We think that a coed squad would be a good idea and hope that Mr. Finger might like to help us organize the combined group.

The best way for the cheerleaders to serve the fans is to hear from the audience what it wants. We have always been very glad to hear comments and constructive criticism. If Mr. Finger, or any one else, has suggestions about how we can improve, please tell one of the cheerleaders (or leave a note at McCormick Hall). You will find ready listeners.

Louise Lentin '68, co-captain
Sara Clope '69
Susan Downs '68
Martha Radford '70
Barbara Sollner '70
Mary Thornton '70

Last word

To the Editor:

After reading your reply to my letter in The Tech today, March 1, I believe I should perhaps extend you an apology for not reading your issue of February 24 on February 23, which is the date on which I delivered my letter to a person in The Tech's offices. My letter was in reference to your issue of Feb. 21. It is in the issue of Feb. 21 that your reporter was guilty of slurs and misrepresentation of the statements of Mr. Phillips. The issue of Feb. 24 was of high calibre.

I do not intend to engage in an endless debate with The Tech upon this topic, especially since you can always get the last word. I suggest that interested people might consult Mr. Phillips for his evaluation of the reporting in the issue of Feb. 21. This letter and the previous letter are intended to stimulate higher standards of journalism on the staff of The Tech. In my opinion, The Tech is now putting out a higher quality and greater quantity of interesting articles and news than ever before, and I have an especially high regard for the dedication and ability of your news editor. I sincerely hope that your continually increasing competence will lead to a decrease in defensiveness towards constructive criticism. The fourth estate has great influence and responsibility in this country, and we can only hope that the response of the press to a little well meaning prodding will be not only a rebuttal but also a rededication.

Arlee T. Reno Jr. '66

Ed. note: We will have the last word. In this case: Amen.)

Kibitzer

By Philip Selwyn

North			
♠ J			
♥ K 9 6			
♦ Q 9 8 6 5 2			
♣ Q 7 6			
West			
♠ 10 7 6 4 3			
♥ 2			
♦ K 7 3			
♣ 8 5 3 2			
East			
♠ Q 9 5 2			
♥ Q J 8 5 4			
♦ J 4			
♣ K J			
South			
♠ A K 8			
♥ A 10 7 3			
♦ A 10			
♣ A 10 9 4			
Both Vulnerable			
Bidding:			
East	South	West	North
Pass	1 ♣	Pass	1 ♦
Pass	2 NT	Pass	3 NT
Pass	Pass	Pass	

my's heart K to run the diamonds. On the last diamond East was squeezed in clubs and hearts; in order to keep the K of clubs, East had to unguard his Q of hearts, so that South's 10 of hearts won the last trick. Since the scoring was at match points, the 2 overtricks were of paramount importance in gaining a top score on the hand.

The play of first cashing the Ace of clubs is called a Vienna Coup. It is a "coup" because playing the Ace establishes the K as the high card in the suit, but then the defender is squeezed out of it. As the cards lay, the Vienna Coup was helpful (but unnecessary) to the execution of the squeeze, because it eliminated a guess about what distribution East had come down to on the last diamond.

However, had West held the heart and club stoppers instead of East, the Vienna Coup would have been mandatory for the squeeze to succeed. In that case, South would have had to discard before West. Cashing the Ace of clubs first allows South to discard the 10 of clubs on the last diamond and still squeeze West. If the Ace were not cashed first, South would be squeezed rather than West! Now the 10 of clubs would be needed to return to dummy's Q if West unguards the K. But the 10 of hearts is also needed as a threat. South must discard one of those cards and West can simply discard the same suit as South to destroy the squeeze.

The only way for the defense to break up South's squeeze was for West to return his singleton heart when he was in with the K of diamonds. This play would destroy South's communication with dummy. It is safe to say, however, that only an expert West might have recognized that such a play was necessary.



PROFITS: FAT FOR THE CORPORATE BELLY OR MUSCLE FOR A GROWING SOCIETY?



Robert W. Galvin,
Motorola Inc.



James Hill,
Harvard

Dear Mr. Hill:

There is one basic fact of economic life which I haven't yet discussed in any depth, though it has come up in many student letters to me. This is profit.

Students think about "profit" when they consider business as a career or as a social force. A student who shuns a business career because he feels "there is more to life than making money" may also be one who thinks "businessmen will do anything to make a profit" or "business gets profits at someone's expense."

The overwhelming majority of American businessmen today would agree enthusiastically with this student's first statement. They would reject emphatically the others.

Just what is profit?

First of all, business does not do things in order to make a profit; business makes a profit in order to do things. I will illustrate this with some Motorola facts and then refer to the view of a college professor who also has served the government.

Motorola's 1965 net profit amounted to just over 6% of our sales. Because we made a profit, we were able to put \$11.4 million into our employees' profit-sharing fund and pay Federal income taxes of \$26 million. We retained \$26 million to reinvest in our future growth.

The funds a company needs to fill growing consumer demand come, in the last analysis, from retained earnings and from depreciation. Depreciation is the cost of buildings or equipment wearing out; each year, we charge against income part of the original cost and thus ultimately recover it. Our 1965 depreciation was \$10 million.

So, to pay for the expansion needed to fill 1965's increased demand for our products, we had \$26 million of retained earnings plus \$10 million in depreciation—a total of \$36 million. Buying new tools, equipment, and plants during 1965 took \$25 million. We also needed \$20 million in "working capital" to finance larger inventories, carry increased accounts receivable, and meet greater payrolls. \$45 million was needed; \$36 million was available. The \$9 million difference came from earnings previously retained for just such a use.

Motorola manufactures radios, television sets, record players, semiconductor products, industrial and hospital communications systems, military and automotive electronics hardware, electronic control systems, space equipment and some other things.

We started with only a car radio. Without profit, we could not have expanded or diversified into all these other lines—and the demand for these products showed the need for them. Profits cannot do the whole job here, but making a profit does qualify you to borrow funds to grow on. We have done this several times. And because we were profitable we sold additional common stock several times.

Here are earnings reports of some other companies, each of whose 1966 profits set new records: Bethlehem Steel, Standard Oil (Indiana), Sinclair Oil, and Westinghouse Electric. Their earnings, as a per cent of sales, ran 6.4%, 6.7%, 6.7%, and 4.6% respectively. If you were selling on commission, would you think these percentages were too high? Could these companies continue to serve their customers without the retained profits to finance new plants and for working capital?

Motorola is owned by shareholders who advanced their money and share the risks. To them, during 1965, we paid \$6 million in dividends—less than 1% of the year-end market value of their stock. Does this rate seem excessive? The employees' profit-sharing plan received nearly double this amount.

Profit has been a catalyst in an economy which has raised the per capita share of the gross national product 42% in your lifetime (to \$3110) and has prospects of doubling this figure by the year 2000 (both in constant 1958 dollars). Average corporate profits, for companies in all industries, companies having good years and bad, are only 3.3% of sales (Dept. of Commerce figures). Might it not be more of a wonder that this major job got done with such a proportionately minor catalyst than a dismay over high profits?

In his recent book, *Economic Myth and Reality*, Professor Delbert A. Snider, chairman of the Department of Economics at Miami University, Oxford, Ohio, examines the myth that: "Profits are an unearned and unnecessary 'grab' on the public's purse." The reality, he concludes, is that: "Profits are an essential part of our economic

system, guiding the use of resources and providing the base for increases in the standard of living. The best safeguard against excessive profit is competition."

Professor Snider sees profits as reward for risk-taking, innovation, and the organizing of production. Profits encourage business "to be as economical and efficient as possible in the use of society's productive resources" (material and human). Profits are also "extremely important as a signal device informing business of the kinds of products the public desires."

New developments in every field of endeavor are funded from profits. Many schools and universities are sustained substantially by the ability of business to make a profit. Just over half of most corporate profits are paid to the Federal government in income tax alone; whatever government agencies or programs you consider excellent are able to function only because the country's economic system produces wages and profits to be taxed.

Like every tool of man since fire, profit can be misused. In the developing history of mankind, however, no economic system has yet been devised that brings as much benefit to as many people as ours does. Our challenge is to minimize the misuse and maximize the benefits.

Making a profit should be neither the primary reason a business exists nor the primary reason a businessman works. Profits are not the purpose of a business but profits must be earned if the business is to continue to serve the needs of society. And that is its purpose.

—Robert W. Galvin
Chairman, Motorola Inc.

PROFITS AND YOU

This open letter about profits and their function is written by a businessman to one of six student correspondents on six different campuses. It is part of a continuing series of open letters published in 29 student newspapers across the country.

James Hill is a student at Harvard. Robert W. Galvin is chairman of Motorola Inc. If you have comments or questions, write to Mr. Galvin at 9401 West Grand Avenue, Franklin Park, Illinois 60131.

SCEP gathers information on reading period, pass-fail

By Mike Telson

SCEP's activities during the past year have had a great degree of success and have met a receptive faculty and administration who have been willing to discuss and experiment with new educational proposals.

Explanations of the major areas in which SCEP has worked follows and tells of some of its accomplishments during the past year:

1) Pass-fail systems: Seniors now have the option to take one non-graded course per term outside of departmental and Institute requirements. Although this experiment will last at least three terms, an extension for sophomores and juniors is being worked on.

Reading period

2) Reading period and academic schedule alternatives: Reading period has been extended to one week for the upcoming finals period on a trial basis. A study of its effects will be made first term next year after questionnaire results are compiled. Proposals to change the academic schedule in order to start in August and end in May met with great resistance.

3) Course society activity at MIT: SCEP is at present assisting these bodies in formulating feedback programs. SCEP is encouraging formulation programs to advise freshmen and sophomores in course selection, to improve student-faculty relations, and to help out with problems related to senior thesis topics. Another area of endeavor may be improving the departmental advisory programs.

Libraries

4) Library situation: Library information booklets were prepared at the beginning of the year; these contain information on the many small libraries on campus. In addition, the engineering library is undergoing renovations and SCEP is providing input in the planned reforms.

5) Pre-med advisory program: The pre-med advisory program was in need of serious revision. Essentially, one person had been saddled with the responsibility of advising approximately 140 upper-classmen interested in medical studies. This program has been changed.

Compton Lectures

6) The Compton Lectureship: This excellent lectureship had been discontinued because of lack of interest. It has been reinstated and will present a lecture in the near future.

7) Graduate student teaching at MIT: An administrative committee was created to study the quality, extent, and usage of graduate student teaching at MIT.

8) Freshman Quiz schedule: The new freshman quiz system is

heavily favored over the old one according to a recent poll.

9) Freshman humanities: There are presently two experimental humanities courses open to freshmen. A report with SCEP's recommendations was submitted for faculty consideration last April.

SCEP, CEP

10) The relation of SCEP to CEP: A topic of discussion this year, both committees agreed that communications between these groups should be increased. To remediate this problem we now hold monthly meetings with a rotating group of three from each committee as well as full joint meetings each term.

11) Generalized feedback questionnaire forms: Three types of polls have been developed—subject content, instructor improvement, and laboratory evaluation forms.

Several other topics were considered as well as all kinds of related subproblems to the main ones above. In conclusion, it is essential to reiterate that in no way or form is the work of SCEP finished.



Institute Committee

Sports grow through AA

The main goal of the Athletic Association is to promote and administer athletics on the MIT campus as an essential feature of the university's life. Arrangement of the faculty-student basketball game, sock hops, beer blasts, and refreshments at home games, are a few of the outside activities of the Athletic Association, but its major concern is the organization of intramural and varsity sports.

Club sports

Another major concern of the

AA has been in the club sports area; there are four main club sports today which stand an excellent chance of becoming varsity sports in the next few years:

1) Gymnastics Club, which after three years as a club is hopeful of obtaining varsity sport status. 2) White Water Club, which is in its second year of competition and 3) Table Tennis Club, which is being formed.

New milestone

A second innovation in the Athletic Association is the incorporation of women's athletics. At present there are no varsity sports for women, but sailing and fencing may have the opportunity to become varsity sports after the upcoming seasons. In addition, women's crew may become a varsity sport in two seasons. Women have been allowed to participate in non-contact intramural sports and have succeeded in placing a representative from the Association of Women Students on the Intramural Council.

Water polo has been added as a regular intramural sport, and cycling and pocket billiards are continuing on an experimental basis.

In retrospect, the Athletic Association has done its share in raising MIT to true university status. Each year, new varsity sports are being added and new clubs are being born. The addition of a women's representative on the Intramural Council has been

Makes major reforms

SCC develops Stratton Building

The MIT Student Center is intended to provide a common meeting ground for the many different parts of the MIT community and to provide facilities for student activities. It also provides a place for students to go for relaxation. The Student Center Committee represents the student responsibility for implementing these functions.

Fulfilling responsibilities

During the past year, the SCC has demonstrated its ability to follow through with past programs, to initiate new ones, and to work in conjunction with other Inscomm committees. That the SCC has been successful in fulfilling its responsibilities is readily evident.

Twenty Chimneys remodeled

In order to shorten waiting time and reduce prices in Twenty Chimneys, \$15,000 was spent over the summer remodeling the behind-the-counter facilities and the service bar. In addition, waitress service was discontinued except at high-volume times, thus creat-

ing a more relaxed and informal atmosphere.

Student Center booklet

The Student Center Booklet, describing the various services available and activities housed in the Center, was certainly a worthwhile and successful project.

Library reform

When it became evident that the 5th Floor Library was being misused by certain students who practically "lived" there, the SCC, in conjunction with the Subcommittee on Libraries of S.C.E.-P., considered proposals to obtain some practical solution to the problem. SCEP presented these suggestions to the Director of Libraries.

Games area successful

Another success of the SCC was the second annual Pocket Billiards Tournament, which determined the MIT representative to the ACU-I regional tournament. Due to the newly required \$1.00 entry deposit, the quality of the play and the running of the tournament in general were greatly improved.

After a year and a half of operation, the games area has developed into one of the most important facilities of the Student Center. Overwhelming participation has resulted in almost constant use of the pool tables and bowling alleys. Plans for the near future include two new tables: one for pool and one for billiards.

During the past year, the SCC has sponsored several social functions, along with its 'Encounter' program, which have helped to make the Student Center more of a center for student activities rather than just another building on campus.

Several large functions, including Spring Weekend '66, were held in part of the Student Center. The facilities have always found much use on all the weekends. The informal dance committee and other groups often use the Sala de Puerto Rico for smaller mixers and parties while many Techmen have found the Center an excellent place to bring a date.

MIT leadership

In October of last year, the MIT Student Center Committee attended ACU-Region I Conference at URI. At that time MIT received the bid for next year's conference for the New England area. In its first year of full participation, MIT has emerged as a new leader in the region, due to the efforts of the SCC.

Gains in second year

The past year for the Student Center Committee (only the second in building operation) has been one in which guide lines and policies for its utilization have begun to be expressed and formalized. The committee, under the chairmanship of Paavo Pyykkonen, has attempted to exert its efforts towards efficient utilization of the building which is of the type and quality desired in the Student Council. In addition, the attempt has been made to represent the Student Center building as a warm and friendly place to get together, an attempt which has — in large part — succeeded.

Cooperation with other groups including SCEP and the informal dance committee has implemented the strides made in the past year. Although the committee no longer holds a seat on Inscomm, this cooperation should continue, and the remaining problems worked out.

Secretariat trains hopefuls, does Inscomm paperwork

Secretariat, the workhorse of the Institute Committee, is considered to be a major training area for anyone interested in working on the subcommittees of Inscomm. As the name implies, Secretariat performs the secretarial duties of the Institute Committee and its subcommittees, including such diverse items as taking minutes for Inscomm meetings and handling mailings for many other groups. Secretariat's duties do not stop here, since numerous other projects and functions throughout the entire year are sponsored by this body. For instance, Secretariat is in charge of all public facilities in the academic buildings; it is also the duty of Secretariat to run all Institute elections. All room requisitions for the student center and Walker Memorial are handled by the Secretariat, whose duty it is to file and keep up to date the constitutions of all MIT activities. The most interesting part of

Secretariat to the prospective freshman is the project nature of most of its work. Every freshman takes charge of some portion of Freshman Weekend such as the mixers, arrangement for tours, contact of faculty members, and re-evaluation of freshman attitudes towards the weekend.

During the remainder of the year, the members of Secretariat handle the Christmas Convocation and various other projects. There are also plans for Secretariat to handle Encounter and to work in cooperation with the Social Service Committee.

The work of Secretariat is extremely diversified and offers freshmen the opportunity to obtain valuable experience in the realm of activities and student government. Potential freshman candidates for secretariat will be interviewed sometime after Mar. 12. Anyone interested should watch The Tech for announcements.

Inscomm's Executive Committee guides undergraduate government

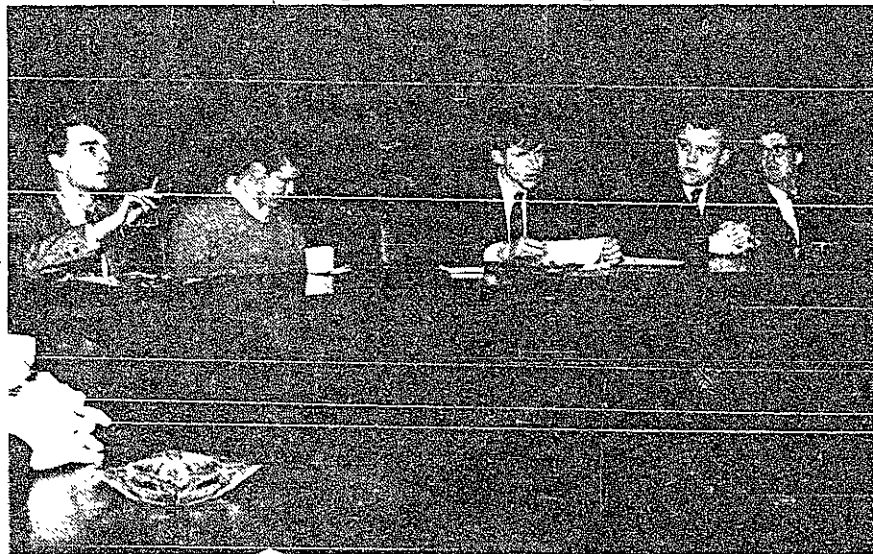


Photo by John Roderick

Inscomm's Executive Committee, from the left: Keith Paterson, Activities Council Chairman; Gary Garmon, Secretariat Chairman; Frank March, UAP; Dave Sanders, Finboard Chairman; and Paavo Pyykkonen, SCC Chairman.

Field day traditions upheld



Photo by Bill Ingram

Once again an incoming class was exposed to the rigors of field day with the standard result: the odd-numbered class won.

Mixers held through term



Photo by George Flynn

Mixers, such as this one, held at the beginning of the last term, are one of several things the MIT student government supports.

AA sponsors IM football



Photo by Jeff Reynolds

Intramural football, sponsored by the Athletic Association, is only one of the many sports in which all members of the student body may participate if they wish.

Inscomm reports

Committees influence policy

Activities Council, Executive Board study expanded space requirements

By Frank March, UAP

Three important groups interact to produce the decisions, discussion, and legislation of the Institute Committee; these are the Institute Committee itself, the Executive Committee, and the subcommittees. The function of the Executive Committee is to act as a small group representative body of the Institute Committee. Another duty is to act as a screening group for delegates to conferences and for candidates for election by the Institute Committee. A third function is to act as an executive arm in carrying out decisions made by the Institute Committee. A final province of the Executive Committee is to act as an innovator of projects or actions somewhat independently of the committee. An example of this is the meeting with faculty and administration to discuss broader student input in Institute decision making. This resulted in ex-officio student membership on the Faculty Committee on Student Environment, in joint meetings of selected SCEP and CEP members, and in students being invited to speak at an Academic Council Meeting.

Inscomm — a forum

The Institute Committee itself acts mainly as a forum for discussion of topics of concern to the student body. To enable itself to probe more deeply issues of concern and to discuss these issues with members of the administration, the Institute Committee held two student-faculty-administration conferences. The first, on educational policy, was held in October

while the second, in December, dealt with student housing. The Institute Committee will hold its next such conference at the Exeter Inn Saturday and Sunday for the old and new Institute Committees and a group of faculty and administration members. As well as acting as a forum, the Institute Committee also passes legislation on a number of issues, although much of this legislation is procedural in nature. Finally, the committee acts as a manpower selector and developer in electing chairmen and members to many of the subcommittees.

Subcommittee reports

Reports of most of the subcommittees are treated elsewhere in depth. Special subcommittees have been set up in a number of areas. Six of these subcommittees were created during the year. The Spring Weekend committee, under Tom Beutel '67, will soon announce its full plans for April 28-29. The Conference Topic Committee, under Steve Maser '69, was charged with the responsibility for assessing the feasibility of having an intercollegiate conference in the spring of 1968 and for choosing a topic if the idea was found to be feasible. The committee has decided on the topic "American Education" and is developing subtopics within this general topic.

Open House, SCE, and JSC

The Open House Committee continues to plan the April 22 programs for area residents under the leadership of Ed Seykota '68. The Student Committee on Environment was created to ex-

amine the broad aspects of student life and student environment. The committee, chaired by Georgio Piccagli '67, was originally set up as a special subcommittee but will probably become permanent.

The ad hoc Long Range Planning Committee under Paavo Pykkonen '67, assessed the long range space needs of activities for use in future planning. The future duties of this temporary committee will probably be continued by one of the permanent subcommittees.

The Judicial Study Committee, headed by Judi Sahagen '67, and Georgio Piccagli '67, looked into the idea of setting up a defense council as part of our judicial system and examined the police force versus trial court concept of Judicial Committee.

Anyone wishing to serve as a member or chairman of these committees is encouraged to see this year's chairman to discuss the procedure for becoming a member.

The major function of the Activities Executive Board and the Activities Council itself during the past year has been to establish several studies on the space requirements and efficiency of the use of present office space of the many varied MIT student activities. One of them, a space analysis study of Walker Memorial, has resulted in expanded facilities for both WMIX and Hillel Society.

The AEB has also made an analysis of the long range space requirements and capital equipment needs of the various activities. This has been done through a survey of the heads of each individual activity, asking them to forecast their needs for the next few years. The AEB has also been associated with the Inscomm ad hoc committee on the efficiency of office space usage, thus being able to better allocate office space in the future.

Another of the Council's functions, in fact its major responsibility, has been to assign office space on the 4th floor of the Student Center and in Walker Mem-

orial to the activities themselves by examining the requirements of each of the individual activities, and determining their importance in relation to the MIT community, the Council has achieved this goal. It has also designed and purchased the name plaques to be used outside each activity office.

In addition, the AEB was successful in hiring a secretary to help all the activities in their communications with the rest of the student body and MIT community in general. A telephone switchboard will be installed in the secretary's office for the coming year so that she will be able to take messages for all the activities during the normal working week.

During the past year, the Activities Council and the AEB have fulfilled their essential responsibilities in overseeing and providing for the MIT student activities. In addition, they have looked ahead and made plans for better and more efficient usage of available office space and equipment in the coming year.

Finboard doubles budget, reports record cash flow

This year's Finance Board has faced the problems which resulted from last year's move to the Student Center and subsequent growth of many activities. During this past year, we have tried to assess the effects of this move and study its implications for future financing. After completing an inventory of all items owned by the Undergraduate Association, we found these items to have a total purchase price of over \$93,000. We have also compiled a financial statement of the entire Undergraduate Association and found the total cash flow to be well in excess of \$200,000 per year.

Finance Board itself has seen its expenses increase to over \$80,000. This year's increase is reflected in the increased activity of the Debate Society and the Combined Musical Clubs.

This past year also saw a significant increase in the order of magnitude of social week-ends.

Spring Week-end last April set the trend with cash flow in excess of \$26,000.

Speaker programs have also been supported by this year's Finance Board. The range of these programs runs from a Parapsychological Research group presentation last May to Senator Edward Brooke's speech this last fall.

Finance Board funds also support student government activities. Some of these programs were the Christmas Party in the Student Center, the pocket billiards tournament, and the Student Information Bulletin.

Finance Board offers an opportunity to five individuals who must be either juniors or seniors to combine business experience with activities work. Anyone interested in Financial Board should get in touch with Dave Sanders or any member of the Board and discuss this opportunity at length.

PRC expands with new projects

This year has seen the continued evolution of the PRC from an internal publicity committee to a true public relations unit. Parallel to this have been large advances in strengthening the Committee's structure.

The Public Relations Committee now works in two areas: publicizing what life is like at an MIT undergraduate to the general public, and informing current undergraduates of extracurricular opportunities and activities available to them.

PRC Subcommittees

One of the ways the PRC reaches the general public is through joint projects with the MIT Office of Admissions. Now underway is a program to better inform high school students of what MIT life is really like. Mickey Warren '69 and Associate Director of Admissions Peter Richardson are directing the effort.

Bob Howard '67 is heading a group that is working with the MIT Educational Council. The group's aim is to better alumni understanding of current undergraduate life. One recent project has been a compilation of lists of active undergraduates who may be asked to speak at local alumni functions.

Topics in Technology again proved successful this fall, and will be continued in the spring. This series of free lectures and tours for high school students has already had an audience of several thousand, as well as television and newspaper coverage. Rich Lufkin '68 is in charge of the program.

PRC nationally

Joe Fiksel '68 is chairing a subcommittee to publicize extracurricular activities through newspapers, national magazines, and radio and television. The group has succeeded in placing an article on the Social Service Committee in *Moderator* magazine.

The weekly 'PRC Student Activities Bulletin' has been important in the PRC's informational

services to the current undergraduate. Produced by Bob Howard, this listing of activities and meetings has recently been incorporated into the MIT Calendar of Events.

John Kotter '68 has charge of the PRC's frequent articles in *The Tech*. In the past year, the 'Activities Spotlight' has been a weekly column. The PRC has also produced two special 2-page spreads—this year-end summary of Inscomm affairs and a feature for the Open House issue.

The 'PRC Social Calendar' provides a bi-monthly listing of social activities. It has found wide favor among undergraduates, and its format is being studied in light of many suggestions.

Rounding out the PRC's activities are the 'Publicity Handbook' and 'Freshman Picture Book.' The former, under the supervision of Mike Marcus '68 is being produced jointly with the AEB. It should greatly aid students in publicizing events to the MIT community. The 'Freshman Picture Book,' and MIT institution, was produced this year by Gerry Siegel '67.

PRC's changes

The PRC itself has evolved, in a little over a year, from a loose organization of independent projects to a firmly structured and interdependent committee. An effective associate membership system now exists to permit evaluation of promising candidates for executive committee posts.

As a result of an active recruitment campaign, this year's group of new associate members is exceptionally capable. The Committee now numbers twenty-five working full and associate members, and chairman Spence Sherman '67 suggests a possible increase in that number to meet the demands of new projects.

Spence also forecasts an expansion of the PRC's public relations role. Probable new areas of work for next year include a liaison with 'Technology Review,' increased efforts to place articles in national magazines, and new efforts directed at alumni and high school students.

magazine review...

Tangent faces apathy and snobbery

By Thomas Nesbitt

Tomorrow, Tangent will go on sale, and today I am to review it. I'd like to write a regular review, mix up a nice proportion of praise and criticism (perhaps influence somebody along the way) and be done.

But I can't. The idea of a review seems so helpless when I realize that no matter what I say here, most of you will never consider buying Tangent. I'm going to usurp these lines in an attempt to make you re-examine your positions.

I think 'non-buyers' can be divided safely into two general groups. The first type would not bother with an MIT literary magazine; the second would not bother with any literary magazine. Let me deal with the latter group first, for of it I have least to say.

With someone who flatly states that he can see no value in poetry or serious prose, I tend to give up. We're in entirely different frames, operating under entirely different assumptions. All I can suggest is that he try the writing of one of his fellow students, for if any writer will ever

'turn him on,' it will be the writer whose experiences are the most common to his own. Could any student read Edward Shalom's short story, 'The Play,' in the current issue of Tangent and not feel that Shalom had pinned him down with frightful accuracy?

The other type would indeed like to be called 'literary,' but does not think that MIT could produce a literary magazine worthy of reading. Certainly as many faculty members as students fall easily into this type. Pick up a copy of Tangent: 'Nighttime Luxury,' 'Where the lone tree . . .,' 'Leap,' 'Eyes look at me . . .,' accompanied by many other fine works, will easily prove wrong the person who thinks that there are no good writers at MIT.

Married Fellows need housing, furnished or unfurnished, for academic year 1967-'68. Please write particulars to Box 73, The Tech, MIT Student Center.

**First Boston Appearance
THE POZO SECO SINGERS
Jackson Gymnasium
Tufts University**

Friday, March 10, 1967 — 8:30 & 10:30 — Tickets \$2.50

Talking Rock

By Don Davis

I interviewed Dick Summer for Innisfree magazine February 22. The text of the 35-minute dialogue will be in the March issue of Innisfree on sale March 15. Summer is 31 years old and really does come from Brooklyn. He graduated pre-law at Fordham but could not afford to go to law school. While in college he worked at the college radio station and sang and played saxophone in small nightclubs. After graduation he became a disc jockey because he found a steadier income there than as a singer.

DJ freedom

After working for some time in the Midwest and in Albany, he came to WBZ where he has spent his last four years broadcasting the Night Light Show (11:30 pm to 6 am). He is very happy with WBZ as a station for several reasons. The major one is the free-

dom given to disc jockeys there. Whereas at many stations, including WMEX, disc jockeys are told exactly what records to play and when to play them, WBZ disc jockeys are only limited in that half the songs they play must come from the top thirty, known as the A-list. Their remaining songs can come from the B-list, composed of new songs, or from anywhere else. Summer's late night slot gives him even more freedom. It is this freedom which has caused WBZ to be so far ahead on many hits such as 'Sounds of Silence' and 'California Dreamin.' One DJ will like a song and play it a lot, thus causing interest in the song, whereas on another station the DJ would not be free to play the song he liked.

Ratings of songs

The ratings of the songs on the A-list are decided upon by two men who spend all their time working on this. The major factor is sales at most leading area record stores; however requests, ratings in other markets, and expectations are also considered, as only ten to twelve records are selling well in the area at any one time and so some guessing must be done. The songs on the B-list are chosen from the 500 new records the station gets each week by a committee consisting of three station executives and one disc jockey.

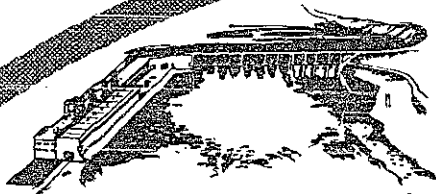
Engineering

WBZ disc jockeys do most of their own engineering in that they run the records, turn on the mike switch, and run tape cartridges containing advertisements and station plugs. There are over 500 tiny cartridges behind the DJ's seat, one for each of the station's advertisers. On many other stations DJs do not perform this function and do no more than announce the records. There is of course an everpresent technician who rides gain, plays tapes (infrequently), services malfunctioning equipment, and controls the transmitter.

WBZ's transmitter is located in the Atlantic Ocean in Hull and uses the ocean as a ground. It is directioned inland so that it cannot be heard 500 yards to the East, whereas on a good night it can be heard as far west as California. The efficiency of its directioning, plus the fact that at night 1030 is a clear channel, accounts for the fact that it can be heard so much better than other 50,000 watt stations.

Miscellaneous facts

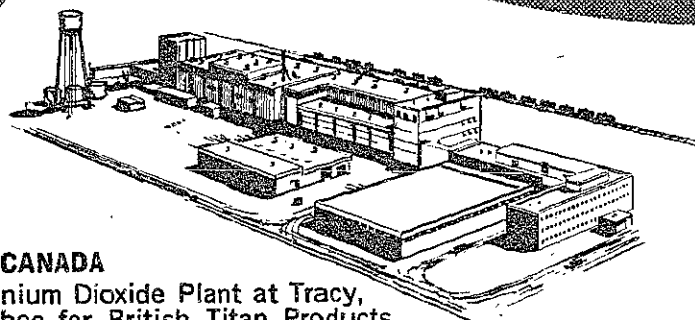
Other facts regarding the station learned from Summer include the following: Bruce Bradley never eats food given to him while on the air because he is afraid someone might try to poison him. O'Hara, who sometimes fills in for Dick, is a part-time TV announcer and has been four different people. Dick Summer always records his show from 2 to 3 and puts it on the air from 4 to 5 three days later so that his technician can have an hour off for lunch.

AROUND THE WORLD
WITH STONE & WEBSTER...

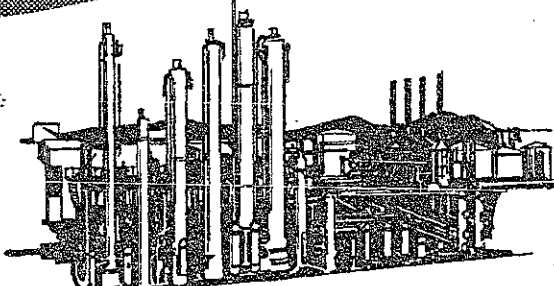
IN WASHINGTON
Rocky Reach Hydroelectric Project for Chelan County Public Utility District, Wenatchee, Washington.



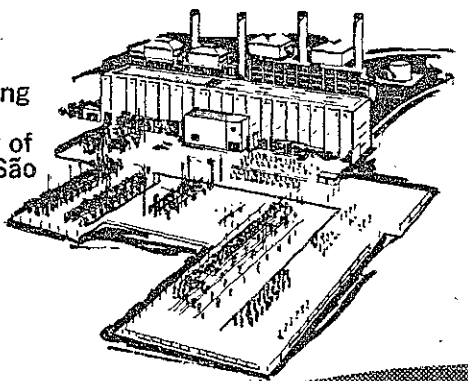
IN VIRGINIA
A 375 mile, 500 kv Transmission System for Virginia Electric and Power Company.



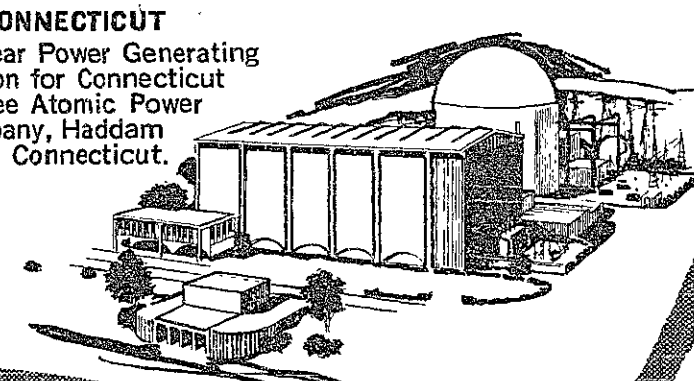
IN CANADA
Titanium Dioxide Plant at Tracy, Quebec for British Titan Products (Canada) Limited.



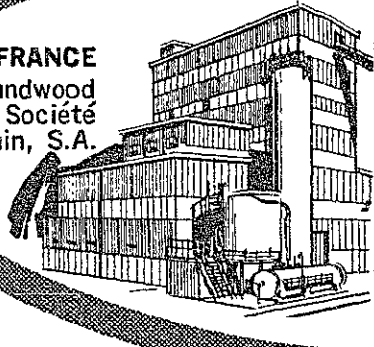
IN SPAIN
Spain's first Ethylene Plant for E. N. Calvo Sotelo at Puertollano, Spain.



IN BRAZIL
Steam Power Generating Station for São Paulo Light Co., a Subsidiary of Brazilian Traction, at São Paulo, Brazil.



IN CONNECTICUT
Nuclear Power Generating Station for Connecticut Yankee Atomic Power Company, Haddam Neck, Connecticut.



IN FRANCE
Chemi-Groundwood Facility for Société F. Béghin, S.A.

Every day, Stone & Webster engineers are at work on the design and construction of process plants, power stations and industrial plants at home and abroad. Our engineers have developed new designs, new processes and new construction techniques in many areas of engineering. The young engineer joining Stone & Webster will find himself part of a large and vigorous company where unusual ability is recognized and rewarded.

● Stone & Webster representatives will be on campus March 22nd for interviews with those interested.

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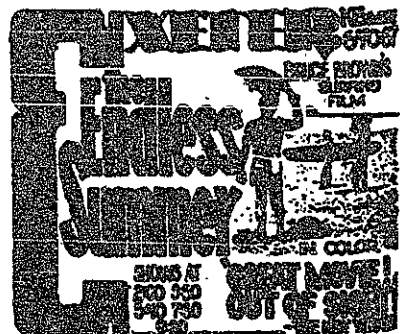


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'Lucky William' fights wickedness

By Sherry Gulmon

Beginning like an only slightly fractured fairy tale, 'Lucky William' is the story of a simple, but virtuous and happy, shepherd boy who sets off with Laurel, his childhood sweetheart, to seek their fortunes in the distant city and escape the boredom of the sheep's company.

Fairy tale form

True to fairy tale form, William has the laudable aim of killing an ogre, restoring the 'Cup of Life' to the wretched city, which has sunk into the depths of degradation and despair since its loss, and winning the hand of the princess and the eternal gratitude of the people. Laurel seeks only something more exciting than William.

Wicked city

Having lost Laurel to the dubious charms of an intrepid bandit named Armand, William confronts the city alone. From the beautiful princess to the frolicking street harlots, the city is full of wickedness and corruption, but Lucky William is so full of good he never notices.

William the Champion

In spite of his apparent simplicity and ineptitude, a skillfully contrived 'Sign from Above' identifies William as champion of the people and savior of the city. Cheered by the crowds and blessed by the king, he sets off to kill the ogre, stooping beneath the weight of his tin foil helmet and plywood sword. Unfortunately, the princess, sickened by William's wholesome innocence and distraught at the possibility of having to share the throne, has enlisted the help of Armand the bandit to dispatch him, 'neatly please.'

Surprises

The rest of the play is a series of surprises and twists, each of which is fraught with significance and ambiguity. The only thing that is not unexpected is the ending. For naturally William and Laurel are reunited in their sheep pasture, thus proving that good wins out in the end, or at least that simple folk usually end up in the simple country, and the wicked city stays wicked. 'Lucky William' is a complete departure from the tradition of Tech Shows in the past. Instead of being just a spoof on the Institute, 'Lucky William' has a little bit of everything. At times it is very reminiscent of 'The Fantasticks', while at others its humor ranges from sophisticated ridiculousness to delightful bawdiness.

Hoyt Hoyt

Certainly two of the most delightful characters in the play were Hoyt Hoyt and Hoyt Hoyt,



Photo by Bill Ingram

Residents of Malamundo meting out justice to a citizen accused of stealing flowers from the public garden, part of the 'Stoning Day' scene from Act I of Tech Show '67, 'Lucky William'.

ministers of finance, respectively played by Rick Rudy and Bob Blum. One of the most enjoyable scenes was Madam Bertha and her girls singing their theme song in front of their place of business.

All of the parts in 'Lucky William' were well acted. Karl Deirup and Randy Goodman as Wil-

liam and Laurel, Alan Covey as crotchety old King Seigfried, and Jim Seaton as narrator and ogre must be especially commended. Unfortunately, many of the musical numbers were somewhat overpowered by the orchestra, but it is hoped this minor defect will be corrected.

All things considered, Tech Ssow '67 can be judged a definite success.

Making the Scene

S	M	T	W	T	F	S
		7	8	9	10	11
12	13	14	15	16	17	18
19	20					

THIS WEEK

Music
Boston Symphony Orchestra—Erich Leinsdorf and Thomas Schippers conducting Boston Symphony Orchestra in four Symphony Hall Concerts: 'Symphony in C Major' by Bizet; 'Apocalypse' by Gian-Carlo Menotti; 'Moussorgsky's Pictures at an Exhibition' Mar. 7, 9, 11, 8:30 p.m.; Mar. 10, 2:00 p.m., Symphony Hall.
Boston University—BU Symphony Orchestra in concert with Roman Totenberg, violinist, and Leslie Parnas, cellist, in Brahms' 'Dou-

ble Concerto for Violin and Cello'; Mar. 8, 8:30 pm; Concert Hall of School of Fine and Applied Arts; 855 Commonwealth Ave; free.
Turk's Head Coffeehouse—Rolf Cahn, blues and Flamenco guitarist; Sat. Mar. 11, 8:30 pm. Jordan Hall.

Theatre

Boston University—BU theatre division presents Ionesco's 'The Lesson' and 'Jack'; March 6-11, 8:30 pm; Room 210, 264 Huntington Ave.; \$1.
Theatre Co. of Boston—'So Proudly We Hail' (world premiere of two one-act plays); opens March 9, 8:30 pm, Sat. 8, 9:30 pm, Sun. 5, 8:30 pm; \$2.25-\$3.80.

NEXT WEEK

MIT—concert of electronic music by the Sonic Arts Quartet; March 15, 8 pm; Kresge Auditorium; \$1 (community), 2.

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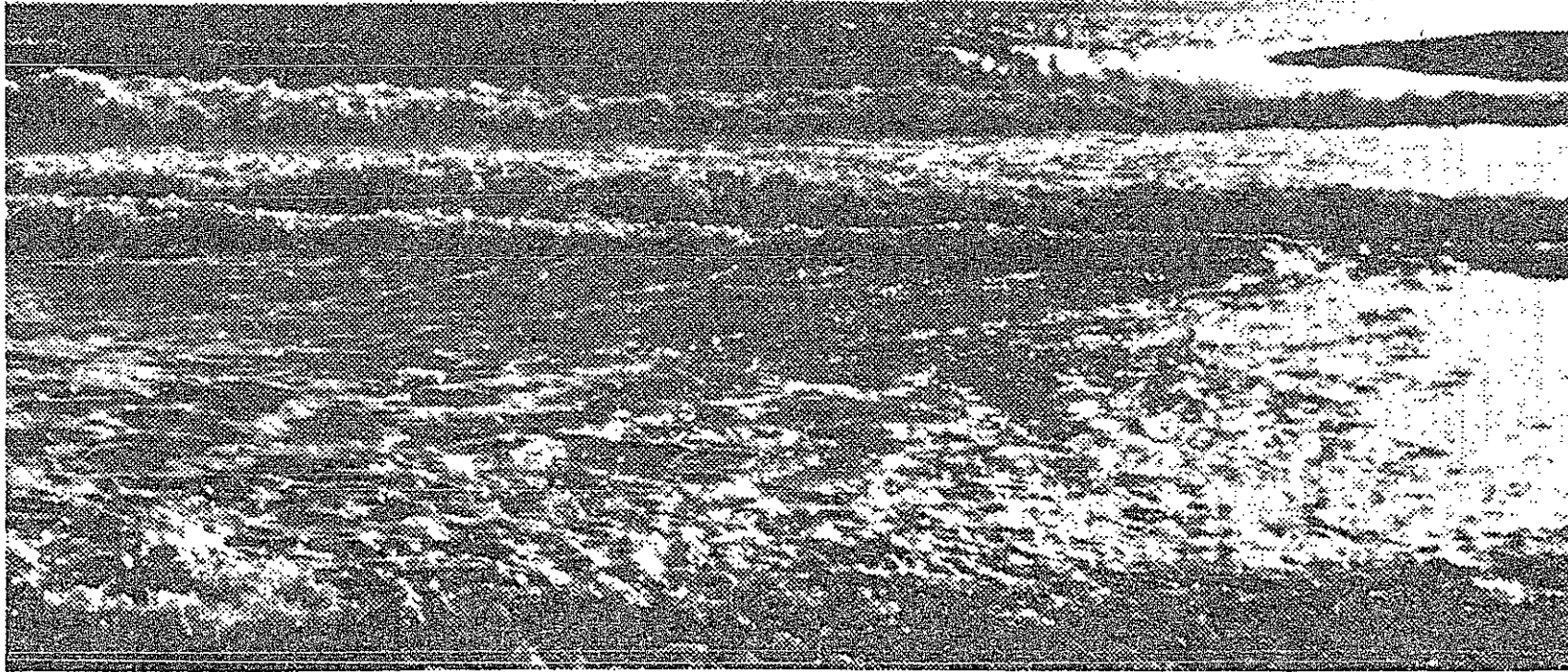
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Improvement by typical graduates In words per minute*

Name	Occupation	Easy Beg.	Easy End	Diff. Beg.	Diff. End
Fuller, Mortimer, student		269	1475	252	2350
Knowles, Keith, designer		280	2230	220	1672
Parry, David, designer		430	3000	370	612
Bosmer, Fremont, teacher		645	3325	695	2450
Tabor, Susan, 15 yr. old student		128	816	135	612
Thomas, Judith, 14 yr. old student		132	1273	116	1620
Yee, Arthur, elec. tech.		250	920	170	980
Rasmussen, J., research asst.		375	1750	285	2436
Neal, Roger, teacher		250	940	224	800
Lindsay, Norman, analyst		432	1950	348	1430
Lampert, Amy, student		334	1275	303	950
Abbott, Samuel, teacher		529	1974	435	1976
Johnson, Timothy, 9 yr. old student		397	1879	362	776
Aandreas, Kari, housewife		391	1250	693	1070
Schorben, Stephen, teacher		390	1635	290	1235
Davison, Marion, student		352	1351	292	1140
Tall, Eunice, student		278	1050	240	1160
Alles, David, grad. student		226	945	203	1100
Clark, Paul Jr., grad. student		229	3651	162	2916
Mah, Marshall, student		261	1440	322	1406
Gram, Tom, student		375	1190	330	1050
Cotton, John, student		250	1050	234	1126
Beem, Robert, grad. student		265	1720	250	1890
Shapiro, Judy, student		251	983	252	1000
Gravelino, Judy, student		370	2330	270	1980
Steinhilker, E. John III, physician		248	1406	232	1333

*These are test rates only. The average student reads 1 1/2 to 2 times faster than his reading test rates.

Utah schoolteacher discovers technique of dynamic reading.

Evelyn Wood first observed dynamic reading 18 years ago when a professor at the University of Utah read her term paper at an amazing 6000 words a minute. Mrs. Wood's curiosity caused her to look for other exceptional readers, and over the next four years she found 50 people who could read faster than 1500 words per minute, with fine comprehension, outstanding recall and great reading satisfaction.

She was now sure it was possible to read faster than anyone had thought, but the question of how was not yet answered. It took 8 years of toil and research to find the answers. Eventually she developed a technique whereby the average student was able to learn to read 3 to 10 times faster. She taught her method at the University of Utah for three years, refining it even more. Further studies were conducted at the University of Delaware, and the first reading Dynamics Institute was opened in Washington, D. C. in September, 1959. Since that time, institutes have been opened in 61 cities throughout the country, and national enrollment for the course has topped 250,000.

Comprehension is stressed.

At a recent teacher training conference, Mrs. Wood emphasized that dynamic reading is nothing like the skimming techniques commonly used in speed reading courses. She said, "Skimming words is dangerous, as you don't know whether or not you have skipped a word which could change the whole meaning of the sentence." "You read five times faster," she pointed out, "not by reading every fifth word, but by reading five times as many words in the same amount of time. Mrs. Wood emphasized that using her technique of rapid reading, every word on the page is noted.

No mechanical pacers.

She was also critical of reading courses that use a mechanical pacer, as students tend to revert to previous reading speeds once the pacer is not there to help them. When reading dynamically, the reader's hand is used as a pacer.

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Bjaaland takes 9th in NCAA

By Rich Rosen

Competing in the NCAA Championships at Sugarloaf Mountain, Maine, Helge Bjaaland '67 finished 9th out of 64 competitors in the cross-country. Helge was 11th in last year's Nationals, in what was generally a weaker field. Dave Rikert of Williams, last year's winner who had beaten Bjaaland previously this season, came in 20th, as Dartmouth's Ned Gillette won the cross-country. Only 3 racers from the East finished ahead of Bjaaland, as Western skiers dominated the meet. The University of Denver won the overall competition, with Wyoming 2nd and Dartmouth 3rd. Matz Jenssen of Utah was chosen as

the best all-around man in the meet.

This fine showing caps a great career for Helge. The Norwegian ace won the Nordic event at the EISA Intermediate Championships at Norwich, and also took first at the dual meet with Colby. A 3rd place at the EISA Senior Championships at Williams, and a 4th at the St. Lawrence Carnival were the highlights of the year for Bjaaland.

Bjaaland led Nordic

Bjaaland's outstanding performances led the Nordic skiers to a fine season, topped by a first place at the Intermediates at Norwich. Co-captains Dick Haberman '67 and Paavo Pyykkonen '67 also turned in good times this year.

Doug Cale '69 represents a hope for the future in the cross-country.

The Alpine team did not fare quite so well this winter. However, Rik Anderson, '69, was bothered by injuries. Anderson, a standout as a freshman, is expected to do a lot better next season. Hans Fritzvold '68 and Pete Kern '69 also return. The team will lose its best jumper in Bjaaland, leaving Fritzvold to carry the load.

It is certain that Bjaaland, the outstanding Tech skier for the past three seasons, will be sorely missed. Coach Bill Morrison hopes his sophomores and juniors will maintain the good record Helge helped establish in the cross-country.

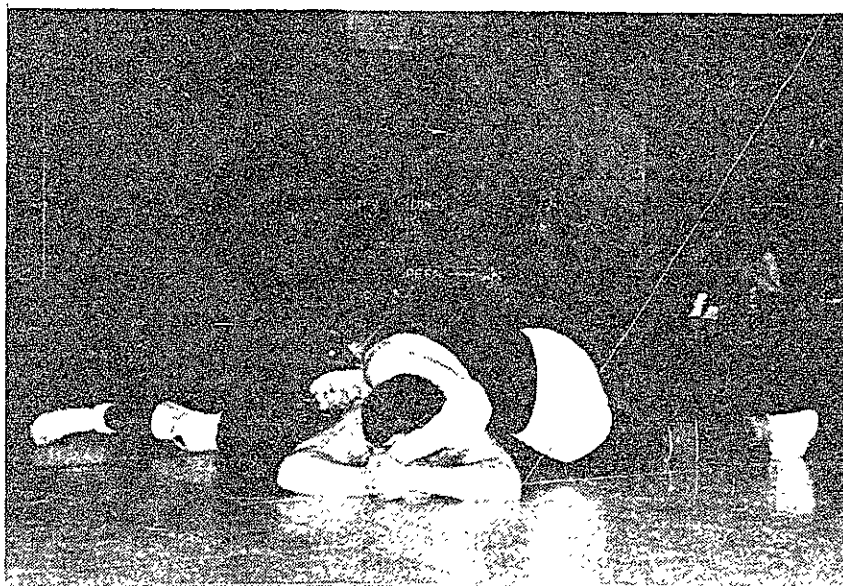


Photo by Mike Venturino

Dave Schramm '67 racks up points in the finals of his heavy-weight match with Wesleyan's Dusty Carter. Schramm went on to his second straight New England title with a 7-2 win, but the grapplers could only finish fifth.

Wrestlers take fifth in NE: Schramm heavy titlist

By Arm Varteressian

Led by Dave Schramm '67 and Bill Harris '68, the Tech grapplers placed 5th in the recent New England Championships held at Tufts. Captain Schramm repeated last year's championship performance at heavyweight, while Harris placed second in the 123-pound class.

After drawing a bye in the first round, Harris came up against Dave Patrick of Wesleyan, and dispatched him with a third period pin. Bill made his way into the finals by defeating Dick Whipple of Brown in a close 4-3 decision. In the finals, matched with defending champ Bob Long of Coast Guard, Bill came out on the short end of a decision, taking second place. Long will travel to the National Championships to be held at Kent State University in Ohio March 23, 24, and 25.

Schramm defends title

Dave Schramm had little trouble defending his title as New England unlimited class champion. In the first round, Dave set a New England record for the quickest pin, putting Paul Marcelle of Lowell State to the mat in eighteen seconds. In the second round, Dave racked up two minutes riding time in addition to a takedown and reversal to beat Giff Foley of Dartmouth 6-0. In the finals, Dave polished off Dusty Carter of Wesleyan, last year's freshman champ, 7-2 to keep his title. Both Dave and Harris will travel to the Nationals in two weeks. Repeating as champs along with Schramm and Coast Guard's Long were: Reed of Wesleyan at 145, Waligunda of Springfield at 152, Peraino, Doss, and Logan of Springfield at 160, 167, and 177.

Springfield added another to their endless string of New England championships, running away with this year's meet with 109 points. Second was Coast Guard (66), followed by Brown (52), Wesleyan (45), MIT (31), and Amherst (28).

The future looks promising for the Tech varsity, as only two seniors with extensive varsity experience will be lost through graduation. The hole left by Schramm should be ably filled by Fred Andree '70, who easily won the frosh New England title this year. At 160, the loss of Hank DeJong '67 will be compensated by the addition of Walt Price '70, another New England titleholder this year. A third welcome addition will be Rick Willoughby '70, yet another frosh titleholder, at 152. The addition of these three and other freshmen will give next year's team good strength and unusually good depth in the middle weights.

Squash team ties for ninth in nation

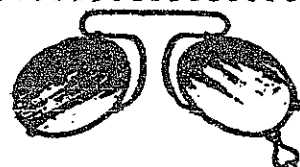
By Roger Dear

Tech's varsity squash team tied for ninth place with Wesleyan in the national intercollegiate squash tournament this weekend. The nationals, which were held at Wesleyan, presented a field of the finest squash collegians from all over the country. Next year, MIT will be host to the tournament.

Four Techmen were entered in the tournament, captain Chye Tantivit '68, Ken Wong '68, Bob Melanson '68, and Joe Ferreira '67. In the main tournament, Chye advanced to the second round before losing. In the consolation tournament, both Chye and Bob advanced to the third round before bowing.

Chye started out by beating Duss of Amherst, 15-10, 15-10, 15-8. But then Chye was matched with fifth-seeded Gadsden of Yale. Chye was leading the first game 13-10, but Gadsden pulled it out, 18-17. Chye then lost the next two, 15-8, 18-17. A third seed in the consolation round was given to Chye, and after defeating Wesleyan's Andy Barada, 3-0, and Navy's Dave Scott, 3-2, he lost 3-1 to Yale's Kin Carmody. Bob Melanson beat Wesleyan's Chuck Hollen, 3-1, in the consolation tournament before falling, 3-0, to sixth seeded John Duer of Princeton. All of Bob's games against Duer were close, being 15-10, 18-16, 15-13.

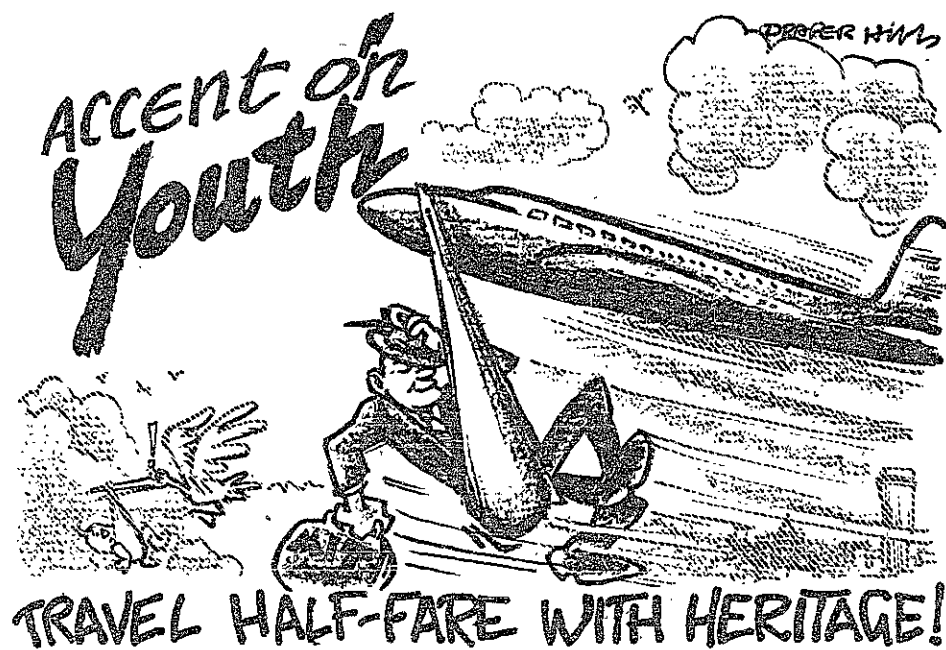
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Fencers capture NE title; Stephan, Rothburg victors

By George Wood

MIT fencers made a brilliant showing Saturday as they won the New England Tech swordsmen took two of three possible firsts to score 63 points in the all day meet, and win over second place Trinity, who managed to score 57. Last year, Trinity edged out the engineers by three bouts and won 66-63. In a dual meet with Trinity earlier this year, Tech fencers easily prevailed 18-9. Holy Cross, who also fell easily to the MIT swordsmen in a dual meet, took third with 46 points. Fourth place went to Brandeis, another of the five teams that provided the engineers with a victory during the regular season. WPI, SMTI, Norwich, and Fairfield rounded out the field of eight teams competing in this years meet.

Stephan takes epee

Bill Stephan, Coach Vitale's outstanding sophomore, took first in epee. At the end of regular competition Stephan and a fencer from Fairfield were tied with 11 victories apiece. To break the tie a fence-off was held. The bout proceeded to a 4-4 tie, which left the New England title in epee to be decided by the final touch. One thing that has made Stephan outstanding this year has been his ability to win 4-4 bouts. He displayed this ability Saturday as he took the last point and won the championship.

Burt Rothberg '68 secured Tech's other first by winning the foil competition. Foil proved to be the engineers best weapon, as Tech fencers easily out-scored the rest of the field in foil. Leonard Zucker '67 was tied for second in foil at the end of regular competition. To break a tie for second, individual touches were totaled. Zucker was awarded third because he had more touches scored against him. Frank Carroll '68 was second in sabre to Richard Cohn of Brandeis, Carroll was tied for second and took it on total touches.

Coach Silvio Vitale, who is finishing his seventh season as MIT's varsity fencing coach, was elected President of the New England Fencing Association at the meeting that accompanied the tournament.

MIT will get the New England Fencing Championship Trophy from Trinity, last year's champions. This was the 14th annual NE fencing meet. In past years MIT has won five and Trinity has won 5.

How They Did

Fencing
MIT(V)—1st in New England;

Swimming
MIT(V) 61, UMass 34
MIT(F) 56, UMass 37

Wrestling
MIT(V)—5th in New England
MIT(F)—1st in New England

Squash
MIT(V)—tied for ninth in the Nationals

Bridge winners announced in full master point game

Winners in this month's full master point game held Saturday at the MIT Bridge Club were: North-South: 1. Peter Bohmer and Henry Seltzer '67; 2. Dave Beer and Dick Freedman '65; 3. Walter Griffith '70 and Duncan Moore '70; and 4. Pete DiGiovanni '67 and Wilbert Summers '69.

East-West Winners were: 1. Bob Greecy '70 and Tim Lundeen '70; 2. Ken Lebensold and John Lindsey; 3. Bart Branley '69 and Pete

Sorant '68; and 4. Jeff Rohlfis and Joe Viola '69.

The next fractional game will be held Saturday at 1 p.m. in Room 407 of the Student Center. The open Pairs Club Championship will be sponsored the following Saturday. A team, consisting of Beer, Freedman, Lebensold, and Jeff Passel '69, will represent the MIT Bridge Club at the First Columbia Invitation Team-of-four Championship.

Mermen trounce UMass, 61-34

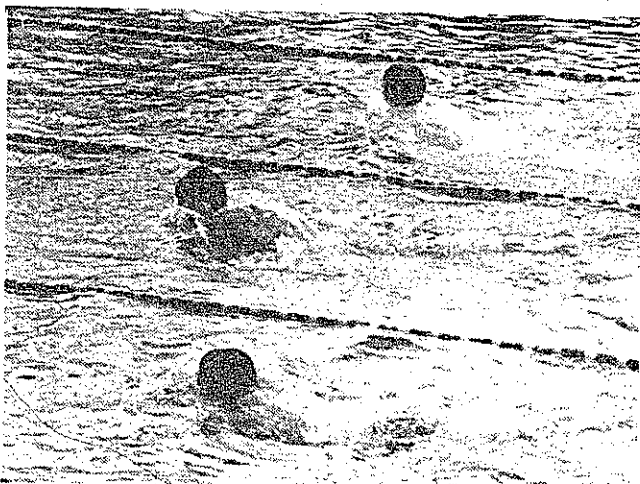


Photo by Dale Stone
Captain Larry Preston '68 pulls ahead in the 200 yard breaststroke Saturday. He went on to break the last record on the books from before this season.

By Jeff Goodman

Five varsity records toppled as Tech's swimmers led by Mike Crane '67 and Luis Clare '69 romped to a 61-34 defeat over UMass, Saturday at Alumni Pool in the last regular meet of the season.

Luis Clare, Captain Larry Preston '68, Lee Dilley '69, and John McFarren '68 began the meet by shattering the 400 yard medley relay record of 3:58.2 set earlier in the season, clocking a 3:52.9. In a split decision, Bill Stage '69 and UMass's Asquith were both awarded first place for the 200 yard freestyle event as Dave Benbasset '68 finished third.

Crane sets 50 mark

Mike Crane whizzed to a 50-yard freestyle victory breaking his own varsity record in :22.6, a tenth second better than the old record. Tim Merrill '69 finished right behind Crane to blank UMass in the sprint.

In the 200 yard individual medley, Luis Clare proceeded to break his varsity record by 1.5 seconds, recording a 2:11.0. Larson of UMass won the diving event, which was held on the 3 meter board, with Pete Amstutz '67 and John Frost '69 second and third. UMass slammed the mermen in the 200 yard butterfly. Levy and Donoghue swam 1-2 with Rich Dorman '69 third.

Once again Mike Crane took off in the 100 yard freestyle and broke his varsity record, clocking a 50.5 seconds. Asquith of UMass won the 200 yard backstroke as Steve Mullinax '69 and Bill Wagner '69 placed second and third.

A Dilley-McFarren slam in the 500 yard freestyle swim clinched the meet for the Beavers. Dilley's winning time was only a few seconds off the record as he swam the distance in 5:33.4.

Preston breaks last mark

The highlight of the meet was the 200 yard breaststroke.

Tom Wesbitt '69 pushed Larry Preston all the way, and consequently he went on to win the event and break the record, clocking a 2:28.2; 0.2 seconds under the record of Cassius Peacock '65. This fulfilled Coach Charlie Batterman's hope to wipe out every preexisting record.

Stage, Merrill, Wrigley, and Clare won the final 400 yard freestyle relay. Notable was Clare's unofficial split of :49.7.

Frosh sports

Grapplers win New Englands

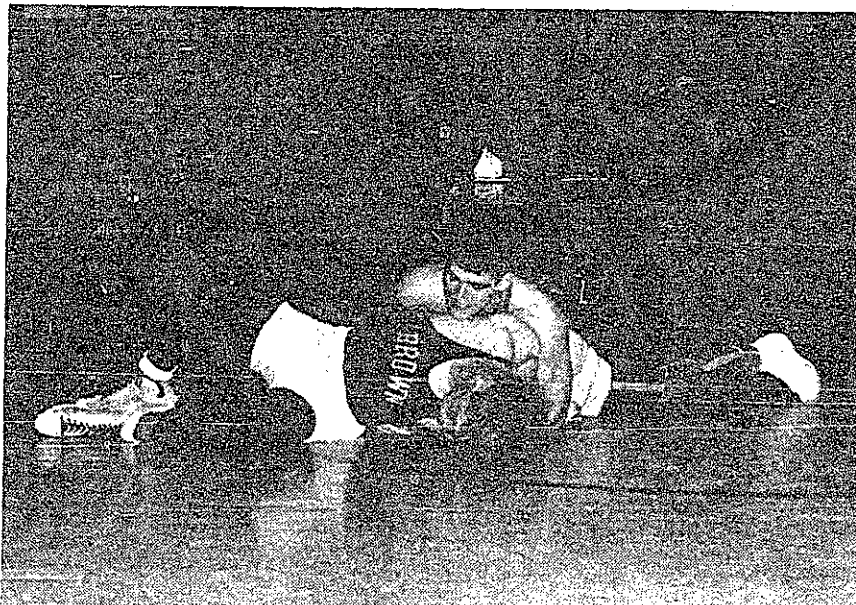


Photo by Mike Venturino

Walt Price attempts to move his opponent into a pinning combination in the finals of their 167-pound match. Price went on to take one of three firsts as the grapplers swept to the NE

By Mike Schibly

Last weekend, the best freshman wrestling team in the history of MIT became Tech's first New England champions. The engin-

eers scored 63 points; their nearest opponents, the University of Connecticut, managed 48.

Of nine MIT matmen in the contest, only three failed to place:

Intramural sports

Fijis down AEP 40-36; take third in basketball

By Joel Hemmelstein

The intramural basketball season slowly continues to draw to a close as the first division finally ended competition last week. Phi Gamma Delta nailed down third place by edging Alpha Epsilon Pi, 40-36.

The match proved much closer than an earlier clash where the Fiji's romped. The Pi's used the press and slow deliberate play to hold the opposition in tow for three quarters. The Fiji's took advantage of letdowns in the AEPi defense to score easy layups.

Steve Smith '70 scored eleven and was particularly effective on foul shots. Don Baron '70 was the real sparkplug with timely field goals and eight points, while Gerry Banner '68 again topped the Pi's with nine.

AEPi led at the end of three periods by three but saw the advantage disappear under the Fiji barrage of baskets.

Sigma Alpha Mu won the second division over Baker A. Sat-

urday the tournament ends with games between Sig Ep and Burton B. Delta Tau Delta and Senior House, and Sigma Chi and Theta Delta Chi.

In IM hockey the only games were in the loser's bracket where Sigma Phi Epsilon lost to the Baker Bruins, by the score of 12-2. NRSA whipped Sigma Chi, 7-1; and Lambda Chi Alpha repeated earlier win over AEPi 4-1.

Banner named as new president in Athletic Association elections

Elections were the main topic on the agenda of the Athletic Association meeting Thursday night. Gerry Banner '68 (AEP) will fill the position of president for the coming year, as he was elected on a white ballot. Banner moves from his position of secretary, which he has held for the past year. In the closest election of the night, Jim Yankaskas '69 (SAE) was elected secretary over Bruce Anderson '69 (DU).

IM, managers elections

In the Intramural Council, Scudder Smith '69 (SAE) was elected IM Vice-President over Herb Finger '68, while Dan Green '68 won out over Maria Kivisild '69 for secretary. The Varsity Managers' Council elections saw Tom Smith '68 (NRSA) chosen over Joe Levitch '69 (ZBT), Tony Lima '69 (KS) and Howie Radin '69 (TEP). Elections for vice-chairman and secretary saw Dan Dudgeon '69 (SPE) and Tony Lima elected to the respective positions.

The Varsity Club elections were held earlier in the week and saw George Busby '69 (DU) emerge as president. Jim Reid '68 (BTP) was elected vice-president, while Carl Everett '69 (DU) and Keith Davies '69 (BTP) were given the posts of secretary and treasurer respectively.

Banner active in AA

Banner's record shows why the white ballot was moved. Gerry has been playing in the number one spot on the golf team since his sophomore year. He has also served as IM golf and tennis manager. In addition, he has been sports editor and news editor of The Tech.

Yankaskas' record is equally impressive. He has been on the cross-country and track teams, and was recently elected captain of the harriers. Jim organized

Joe Baron (123 lbs.) and John Stempack (177 lbs.) each lost their first bout; Regan Fay, at 137, won his first but dropped his second match.

Steve Latimer, at 130 lbs., was Tech's first point winner. Steve won his first two matches on Friday, but was defeated in the semi-finals by a single point. He came back on Saturday to take the consolation round and third place.

Dean Whealen drew a bye in the first round in the 145-lb. class; he, like Latimer, won his second match, fell in the semi-finals, and captured third place in the consolation round.

Rick Willoughby, fighting at 152 lbs., was the first engineer champion. He took his first, second, and championship rounds with pins, while his third victory had been an easy decision.

Walt Price, 167, followed Rick's example, and, drawing a bye in the first round, won first place in his division with a pin and two decisions.

Fred Andree capped the meet by becoming the heavyweight division champion. Andree pinned his first opponent in 21 seconds, the second fastest victory in the meet. Fred pinned his next man in 1:28, and won his third and fourth contests. He was not scored on in any match.

The victory at Tufts was the tenth this year for the wrestlers. Three of them have not yet lost a collegiate bout: Willoughby and Price are 13-0, and Andree has fourteen victories without a defeat. The team faces one more contest this year: the Plebe Tournament at West Point next week for the championship of the East Coast.

Photo by Steve Silverstein
Gerry Banner '68

cycling as an IM sport, was the prime mover in starting the flying club, and has been writing for The Tech since his freshman year.

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